

Title (en)
Light source for liquid crystal projector

Title (de)
Lichtquelle für Flüssigkristall-Projektor

Title (fr)
Source de lumière pour projecteur à cristaux liquides

Publication
EP 1345453 A1 20030917 (EN)

Application
EP 02005643 A 20020312

Priority
EP 02005643 A 20020312

Abstract (en)
An engine module of the projector comprises at least a light generator, a polarized mirror, a light transmitter, a dichroic combiner, a prism and a frame. The light generator is employed to produce the required light. The polarized mirror is mounted at the output point of the light generator to polarize and divert the light. The transmitter mounted at the output point of the polarized mirror is to transmit the polarized light. The dichroic combiner installed at the output point of the transmitter is to separate the polarized light into three main lights, and then combine them together to make a mixed light again. The projector, outfitted at the output point of the dichroic combiner, is to send out the mixed light. The frame is to hold all components to form a complete projector. <IMAGE>

IPC 1-7
H04N 9/31; **G02B 27/28**

IPC 8 full level
G02B 27/14 (2006.01); **G02B 27/28** (2006.01); **H04N 9/31** (2006.01)

CPC (source: EP)
G02B 27/1026 (2013.01); **G02B 27/1073** (2013.01); **G02B 27/149** (2013.01); **G02B 27/283** (2013.01); **G02B 27/285** (2013.01); **H04N 9/3105** (2013.01); **H04N 9/3167** (2013.01)

Citation (search report)

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- [Y] US 6005655 A 19991221 - MUSHIAKE NOBUO [JP], et al
- [A] DE 935663 C 19551124 - JENAER GLASWERK SCHOTT & GEN
- [A] US 6154320 A 20001128 - ITOH YOSHITAKA [JP], et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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